

PROJECT TITLE : QA ANALYTICAL SERVICES  
PERIOD COVERED : AUGUST 27 - SEPTEMBER 17 1981  
WRITTEN BY : Widmer-A (ALW)

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#### 3.4.1. TRIALS WITH NEW SUPPLIES OF FILTER COMPONENTS

- Activated charcoal (H. FORRER AG, Zollikon (CH);  
NESS (GB)) (1)

Two samples based on mineral charcoal were submitted:

- "CC 1230 M", Yellow sheet 6102

The sample is within the specifications as regards the  $\text{CCl}_4$ -index (65.9 %), but slightly out of the specifications as regards granulometry.

- "CC 1236", Yellow sheet 6107

The sample is at the limit as regards  $\text{CCl}_4$ -index (60.3 %) and slightly out of the specifications as regards granulometry.

Because the quality "CC 1230 M" is closer to the specifications, 100 kg of it were ordered for an industrial trial (24/08/81).

- Activated charcoal (P. HAUSER AG, Zürich; NORIT N.V.,  
Amersfoort (NL)) (2)

Two types of activated charcoal, based on peat, were taken from normal production and submitted for analysis. The sample "0.3 - 1 mm" was largely out of the specifications as regards granulometry and the  $\text{CCl}_4$ -index. The sample "0.8 mm" was closer to the specifications, but was still not acceptable.

A discussion with representatives of NORIT was organized (3). The latter will check the possibility of manufacturing activated charcoal which corresponds to our specifications, on a routine basis. As a basic material, coconut shells or peat will be taken into consideration.

#### 5.4. SERVICES FOR OTHER GROUPS

- Services for Product Development  
Triacetin in filters (6 samples)
- Services for the Research Department  
Sodium by AA in tobacco extracts (17 samples)

REFERENCES

- 1 Monthly report Widmer-A (May 1981)
- 2 Letter from Gmünder-R to Lopes-F (July 15 1981)  
Letter from Widmer-A to Gmünder-R (August 31 1981)
- 3 Report of visit from Gmünder-R (September 9 1981)

  
F. Lopes

ALW/edk/OCTOBER 5 1981

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